



A-70056/ENB

**CERTIFICATE OF MAILING (37 CFR 1.8(A))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 22, 2003.

Signed: \_\_\_\_\_

Laura Lee Mosier

#24/B  
Rel  
5-2-03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:  
JOHN H. JERMAN et al.

Serial No.: 09/728,212

Filed: November 29, 2000

For: TUNABLE LASER WITH  
MICROACTUATOR

Group Art Unit: 2828

Examiner: Rodriguez, Armando

Date: April 22, 2003

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment is in response to the Office Action mailed January 30, 2003.

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**IN THE SPECIFICATION**

Replace the paragraph beginning at line 13 of Page 27 with the following rewritten paragraph:

61  
--Second microactuator or motor 508 for moving collimating lens 503 is preferably a MEMS-based microactuator of any suitable type and more preferably an electrostatic microactuator. A linear electrostatic microactuator can be utilized and constructed in the manner discussed above with respect to first microactuator 507. The details of a preferred linear electrostatic microactuator 508 for tunable laser 501 are shown in FIG. 13, where like reference numerals have been used to describe like components of microactuators 508 and 507. Microactuator 508 shown therein is formed from a planar substrate 586 substantially similar to substrate 526. A plurality of first and